

Abstract of the Disclosure

To address the need for an apparatus and method of PPP link
5 handoff that reduces setup time and air interface bandwidth requirements,
an approach to PPP context transfer is disclosed. This approach can cut
the number of PPP establishment messages by 50 to 100% and can save
a significant amount of time in PPP state machine transitions, due to the
multiphase nature of PPP. Generally, the old AR (306) transfers most of
10 its information about its PPP link with a mobile (330) to the new AR (305).
After the transfer of the PPP variables is complete, the new AR is able to
omit negotiation of many already known PPP parameters from the PPP re-
establishment procedure with the mobile. The old AR starts transferring
the mobile's PPP state to the new AR based either on an internal trigger, a
15 request from the new AR, or a request from the mobile.